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CONTRIBUTIONS TOWARD A  
FLORA OF NEVADA. NO. 15.

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NAIADACEAE OF NEVADA

by

F. J. HERMANN

December 1, 1940.

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Issued by

The Division of Plant Exploration and Introduction,  
Bureau of Plant Industry,  
U. S. Department of Agriculture,  
Washington, D. C.

- - -

Work Projects Administration of Nevada,  
Projects, O. P. 65-2-04-13, W. P. 658;  
O. P. 165-2-04-21, W. P. 752.

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Collaborator

University of Nevada.

Address all queries concerning this publication to the Division  
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## NAIADACEAE OF NEVADA

By F. J. Hermann

Submerged marine or fresh-water aquatics with slender, branching stems. Leaf-blades linear, spiny-toothed, sheathing at the base. Flowers monoecious or dioecious, solitary in the axils. Staminate flowers with an outer 4-toothed or entire perianth, and an inner hyaline one adnate to the anthers. Stamen 1, sessile; anthers apiculate or 2-lobed at the summit. Pistillate flowers of a single ovary, tapering into a short style; stigmas 2-4, subulate. Fruit a solitary sessile nutlet.

Only the following genus.

### 1. NAIAS L.

Characters of the family. One species in Nevada.

1. NAIAS MARINA L. Sp. Pl. 1015. 1753.

Naias major All. Fl. Ped. 2: 221. 1785.

Naias marina var. californica Rendle, Trans. Linn. Soc.  
II. 5: 398. 1889.

Stems relatively stout, up to 1.5 m. in length, often armed with broad prickles; leaves broadly linear, 1-4.5 cm. long,





0.5-3 mm. broad, coarsely and conspicuously toothed, the teeth visible to the naked eye, the dilated base entire; backs of leaves often spiny; flowers dioecious; fruit oblong, 2-4.5 mm. long, 2-3 mm. wide; seed finely reticulate.

Marshes, salt springs and brackish water, locally from Florida to central New York, Minnesota, North Dakota, Texas, Utah and California.

Nevada: Nye County. Reported from Elko County. The two Nye County collections seen were from hot springs having a temperature of 90° F. (Leaflets of Western Botany 1: 182, 1935).

